



# 2025 IEEE R10 AGM Meeting

Date: 22-23 February 2025

## IEEE R10 Innovation Challenge – Asia Pacific 2025

*Think. Build. Solve. Transform.*

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*R10 Newsletter Committee Chair*



[iee.org](http://iee.org)

# Introduction

IEEE R10 Innovation Challenge—Asia Pacific 2025 (IIC—Asia Pacific '25) is a competition organized by IEEE Region 10. It fosters innovation, and problem-solving skills, and provides a platform to transform ideas into impactful solutions.

# Objectives

Encourages  
Innovation and  
Problem-Solving

Fosters  
Multidisciplinary  
Collaboration

Promotes  
Sustainable and  
Scalable Solutions

Empowers Diversity  
and Inclusion in  
Innovation

Provides Global  
Exposure and  
Networking  
Opportunities

Contributes to  
IEEE's Vision of  
Advancing  
Technology for  
Humanity

# Themes *(but not limited to)*

- AI and Robotics for Social Good
- Biomedical Engineering and Healthcare Innovations
- Cybersecurity, Blockchain, and Digital Trust
- Sustainable Energy and Smart Grids
- Wireless Networks and Next-Generation Communications
- Engineering Solutions for Social and Economic Development

*These themes ensure that the competition is forward-looking, addressing critical global challenges while aligning with IEEE's technology roadmap*



**IEEE Strategic Plan** 2025-2030

**OUR MISSION**  
We foster technological innovation and excellence for the benefit of humanity.

**OUR VISION**  
We will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions.

**CORE VALUES**

- Growth & Nurturing
- Trust
- Partnership
- Integrity in Action
- Global Community Building
- Service to Humanity

**OUR GOALS**

- Advance science and technology** as a leading trusted source of information for research, development, standards, and public policy
- Inspire intellectual curiosity** and support discovery and invention to engage the next generation of technology innovators
- Drive technological innovation** while promoting scientific integrity and the ethical development and use of technology
- Expand public awareness** of the significant role that engineering, science, and technology play across the globe
- Provide opportunities** for technology-related interdisciplinary collaboration, research, and knowledge sharing across industry, academia, and government
- Empower technology professionals** in their careers through ongoing education, mentoring, networking, and lifelong engagement

# Timeline 2025

- Call for Applications: 1st Week - March 2025
- Deadline for Applications: 2nd Week - April 2025
- Stage 1: July 2025 – Mid August 2025
- Stage 2: Final Round - October 2025

# Workshops for Applicants

- Design Thinking
- Idea to Execution

*Virtual Workshops will be organized by IEEE R10 to support applicants in their innovation journey*

# Competition Guidelines

- Open to IEEE Student Members, Graduate Student Members (GSM), and Young Professionals (YP)
- Individual or Team Participation (Max 4 members per team)
- Women in Engineering (WIE) category
- Two-Stage Competition: Virtual Evaluation & Final Round

# General Rules

- Submissions should be innovative and relevant to real-world problems
- No commercial solutions unless the original work and ethical standards will be considered
- Stage 1:
  - ▶ Virtual
  - ▶ Each Section/Council/Subsection can submit 2 teams maximum
  - ▶ Registration Form, Poster, 6-Minute Video, Endorsement Letters
- Stage 2: Functional System Demonstration
  - ▶ Physical (in any unavoidable circumstances virtual)
  - ▶ Best 10 Teams (subjective to the number of applications)
  - ▶ Max. Two members from each team will be funded to participate in the final rounds from IEEE R10



# Judging Criteria

- Innovation and Originality
- Practical Application and Impact
- Design and Cost-Effectiveness
- Safety and Functionality
- Presentation and Documentation Quality
- Viva and Demonstration

# Prizes

- 1st Place: USD 500 + Plaque
- 2nd Place: USD 350 + Plaque
- 3rd Place: USD 250 + Certificate
- Best WIE Team: USD 150 + Certificate
- All finalists receive participation certificates

# Sustainable Framework

- Relevant IEEE R10 Committees' action plan
- The winning teams will be connected to any future opportunities as applicable
- Collaborations with other relevant institutions/organizations will be considered for better reach and visibility
- IEEE Chapters and Societies will be engaging with the activities as relevant
- News R10 and R11 can implement with less transformation